

IAP10 Rec'd PCT/PTO 05 DEC 2005

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 034144-0106 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unassigned 10/559576
INTERNATIONAL APPLICATION NO. PCT/EP2002/000347	INTERNATIONAL FILING DATE 06/06/2003	PRIORITY DATE CLAIMED 06/06/2003
TITLE OF INVENTION METHODS AND KITS FOR MASS PRODUCTION OF dsRNA		
APPLICANT(S) FOR DO/EO/US Eugene MAKEYEV & Dennis BAMFORD		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). <input checked="" type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern other document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13.1er2 and 37 CFR 1.821 – 1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: PCT/ISA/210 & PCT/IPEA/409</p>		

FORM PTO-1390 (Modified)

WASH_1507822.1

IAP9 Rec'd PCT/PTO 05 DEC 2005

U.S. APPLICATION NUMBER (if any) Assigned		INTERNATIONAL APPLICATION NO. PCT/FI2003/000347	ATTORNEY'S DOCKET NUMBER 034144-0106																																																																																																																																																								
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$200</td> <td></td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td>\$ 500.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE 21, 22 and 23 =</td> <td>\$ 1000.00</td> <td></td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof. </td> </tr> <tr> <td>Total Sheets</td> <td>Extra sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> <td></td> </tr> <tr> <td>40 - 100 = 0</td> <td>/50 = 0</td> <td></td> <td>x \$250.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="5">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))</td> </tr> <tr> <td colspan="2">CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> </tr> <tr> <td colspan="2">Total Claims</td> <td>28 - 20 = 8</td> <td>x \$ 50.00</td> <td>\$ 400.00</td> </tr> <tr> <td colspan="2">Independent Claims</td> <td>4 - 3 = 1</td> <td>x \$ 200.00</td> <td>\$ 200.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$ 360.00</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1730.00</td> </tr> <tr> <td colspan="4"> <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. </td> <td>+</td> <td>\$ 865.00</td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL = \$ 865.00</td> </tr> <tr> <td colspan="5">Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> <td>\$</td> </tr> <tr> <td colspan="5"></td> <td>TOTAL NATIONAL FEE = \$ 865.00</td> </tr> <tr> <td colspan="5">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property</td> <td>\$</td> </tr> <tr> <td colspan="5"></td> <td>TOTAL FEES ENCLOSED = \$ 865.00</td> </tr> <tr> <td colspan="5"></td> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td colspan="5"></td> <td>charged:</td> <td></td> </tr> <tr> <td colspan="7"> <p>a. <input checked="" type="checkbox"/> A check in the amount of \$865.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$865.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> </td> </tr> <tr> <td colspan="7"> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> </td> </tr> <tr> <td colspan="7"> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Foley & Lardner LLP Customer Number: 22428</p> </td> </tr> <tr> <td colspan="7"> <p><u>S. A. Bent</u></p> <p>SIGNATURE Stephen A. Bent NAME 29,768 REGISTRATION NUMBER Date: December 5, 2005</p> </td> </tr> </table>					21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00		22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100	\$ 200.00		All other situations	\$200			23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100			International Search Report prepared and provided to the Office	\$400			All other situations	\$500	\$ 500.00		TOTAL OF ABOVE 21, 22 and 23 =		\$ 1000.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.					Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		40 - 100 = 0	/50 = 0		x \$250.00	\$ 0.00	Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))					CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	Total Claims		28 - 20 = 8	x \$ 50.00	\$ 400.00	Independent Claims		4 - 3 = 1	x \$ 200.00	\$ 200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00	\$	TOTAL OF ABOVE CALCULATIONS =				\$ 1730.00	<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				+	\$ 865.00						SUBTOTAL = \$ 865.00	Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$						TOTAL NATIONAL FEE = \$ 865.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property					\$						TOTAL FEES ENCLOSED = \$ 865.00						Amount to be refunded:							charged:		<p>a. <input checked="" type="checkbox"/> A check in the amount of \$865.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$865.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>							<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>							<p>SEND ALL CORRESPONDENCE TO:</p> <p>Foley & Lardner LLP Customer Number: 22428</p>							<p><u>S. A. Bent</u></p> <p>SIGNATURE Stephen A. Bent NAME 29,768 REGISTRATION NUMBER Date: December 5, 2005</p>						
21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00																																																																																																																																																									
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100	\$ 200.00																																																																																																																																																									
All other situations	\$200																																																																																																																																																										
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100																																																																																																																																																										
International Search Report prepared and provided to the Office	\$400																																																																																																																																																										
All other situations	\$500	\$ 500.00																																																																																																																																																									
TOTAL OF ABOVE 21, 22 and 23 =		\$ 1000.00																																																																																																																																																									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.																																																																																																																																																											
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																																																																								
40 - 100 = 0	/50 = 0		x \$250.00	\$ 0.00																																																																																																																																																							
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))																																																																																																																																																											
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE																																																																																																																																																							
Total Claims		28 - 20 = 8	x \$ 50.00	\$ 400.00																																																																																																																																																							
Independent Claims		4 - 3 = 1	x \$ 200.00	\$ 200.00																																																																																																																																																							
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00	\$																																																																																																																																																							
TOTAL OF ABOVE CALCULATIONS =				\$ 1730.00																																																																																																																																																							
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				+	\$ 865.00																																																																																																																																																						
					SUBTOTAL = \$ 865.00																																																																																																																																																						
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$																																																																																																																																																						
					TOTAL NATIONAL FEE = \$ 865.00																																																																																																																																																						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property					\$																																																																																																																																																						
					TOTAL FEES ENCLOSED = \$ 865.00																																																																																																																																																						
					Amount to be refunded:																																																																																																																																																						
					charged:																																																																																																																																																						
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$865.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$865.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																																																																																																																																																											
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																																																																																																																																																											
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Foley & Lardner LLP Customer Number: 22428</p>																																																																																																																																																											
<p><u>S. A. Bent</u></p> <p>SIGNATURE Stephen A. Bent NAME 29,768 REGISTRATION NUMBER Date: December 5, 2005</p>																																																																																																																																																											



FOLEY & LARDNER LLP
ATTORNEYS AT LAW
WASHINGTON HARBOUR
3000 K STREET NW, SUITE 600
WASHINGTON, D.C. 20007-5143
TELEPHONE: 202.672.5300
FACSIMILE: 202.672.5399
WWW.FOLEY.COM

FACSIMILE TRANSMISSION

Total # of Pages : 4 (including this page)

TO:	PHONE #:	FAX #:
Ms. Wallace US Patent & Trademark Office	703 308 9142 (x225)	571 270 9861

From : Stephen A. Bent/Barbie Beavers

Date : February 6, 2007

Client/Matter No : 034144-0106

User ID No : 0056

MESSAGE:

Dear Ms. Wallace:

Attached please find an Updated Transmittal Letter and the Letter of Clarification for the US National Phase application of PCT/IL2004/000347. If you require any additional information please contact me directly at 202-295-4727.

Thank you so much for your attention to this matter. We apologize for any inconvenience that we may have caused.

Best regards,

Barbie Beavers
Foley & Lardner LLP

If there are any problems with this transmission or if you have not received all of the pages, please call .

Operator:	Time Sent:	Return Original To:
		Stephen A. Bent

CONFIDENTIALITY NOTICE: THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS INTENDED ONLY FOR THE PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENTS NAMED ABOVE. THIS MESSAGE MAY BE AN ATTORNEY-CLIENT COMMUNICATION, AND AS SUCH IS PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR ANY AGENT RESPONSIBLE FOR DELIVERING IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT YOU HAVE RECEIVED THIS DOCUMENT IN ERROR, AND THAT ANY REVIEW, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL. THANK YOU.

Atty. Dkt. No. 034144-0106

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eugene MAKEYEV et al.
Title: METHODS AND KITS FOR MASS PRODUCTION OF DSRNA
Int'l. Appl. No.: PCT/FI2004/000347
Int'l. Filing Date: 6/7/2004
Examiner: Unassigned
Art Unit: Unassigned

LETTER OF CLARIFICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached please find an updated Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 USC 371. The updated transmittal is being submitted to correctly reflect the International Application No. PCT/FI2004/000347 which was inadvertently erroneously represented as PCT/FI2003/000347 when originally transmitted.

The office is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

Date 6 February 2007By S. A. Bent

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5404
Facsimile: (202) 672-5399

Stephen A. Bent
Attorney for Applicant
Registration No. 29,768